

CLAIM AMENDMENTS

Cancel claims 1-34.

Claims 35-37 were previously canceled.

38. (New) A contact for forming electrical connections with a contact pad, the contact comprising an arm stamp-formed from strip stock, the arm having first and second surfaces separated by the thickness of the arm and two opposed shear edges, each shear edge extending across the thickness of the arm and including a shear-formed rounded corner at the junction of the edge and the first arm surface and a shear-formed sharp corner at the junction of the edge and the second arm surface; a first contact point at one shear edge; and a second contact point at the other shear edge, each contact point extending above the arm so that the rounded edge corner at the point is positioned above said first arm surface and faces away from such surface; wherein upon relative movement of the contact toward the first contact pad the contact points engage such pad at the rounded corners to form redundant electrical connections therewith.

39. (New) The contact as in claim 38 including conductive plating on said spring arm at said contact points so that said plating engages the first contact pad.

40. (New) The contact as in claim 38 wherein said contact points are located on portions of said arm bent above said first arm surface.

41. (New) The contact as in claim 40 wherein said spring contact has a thickness of about 0.0017 inches and said rounded corners have a radius of curvature between about 0.006 inches and about 0.0010 inches.

42. (New) The contact as in claim 41 wherein said portions comprise ears each have a longitudinal radius of curvature of about 0.012 inches.

43. (New) The combination of a contact as in claim 38 and a first contact pad engaging said contact points, said pad including a first wipe trace engaging one of said contact points and a second wipe trace engaging the other of said contact points, each trace including an initial contact end and a final contact end, each contact point engaging the final contact end of a wipe trace.

44. (New) The contact as in claim 38 wherein the arm is elongate, said first and second contact points are located at one end of the arm and including a contact member at the other end of the arm for engaging a second contact pad.

45. (New) The contact as in claim 44 wherein said contact member comprises third and fourth contact points positioned above said first arm surface and facing away from such surface for forming redundant electrical connections with the second contact pad.

46. (New) The contact as in claim 45 wherein said third and fourth contact points each include a shear-formed rounded corner engageable with said second contact pad.

47. (New) A contact for forming redundant electrical connections with first and second spaced contact pads, said contact comprising an elongate body stamp-formed from uniform thickness metal strip stock and having spaced contact noses, a spring located between said noses to bias the noses against contact pads when the spring is compressed, each nose including

two laterally spaced contact points extending above the nose, each contact point including a shear-formed rounded edge corner adjacent the contact pad and a shear-formed sharp edge away from the contact pad, wherein where the contact is sandwiched between the contact pads each contact point forms an electrical connection with a pad at a rounded edge corner.

48. (New) The contact as in claim 47 wherein each nose comprises a portion of said body bent above the nose.

49. (New) The contact as in claim 48 wherein said spring contact has a thickness of about 0.0017 inches and said rounded corners have a radius of curvature between about 0.006 inches and about 0.0010 inches.

50. (New) The contact as in claim 49 wherein said portions comprise ears each having a longitudinal radius of curvature of about 0.012 inches.

51. (New) The combination of a contact as in claim 50 and first and second spaced contact pads, each pad including a pair of spaced wipe traces each having an initial contact end and a final contact end, each pair of contact points engaging a pair of wipe traces on one pad at the final contact ends thereof.

52. (New) The combination of claim 51 including conductive plating on said contact points and wherein said contact pads are not cut at said wipe traces.